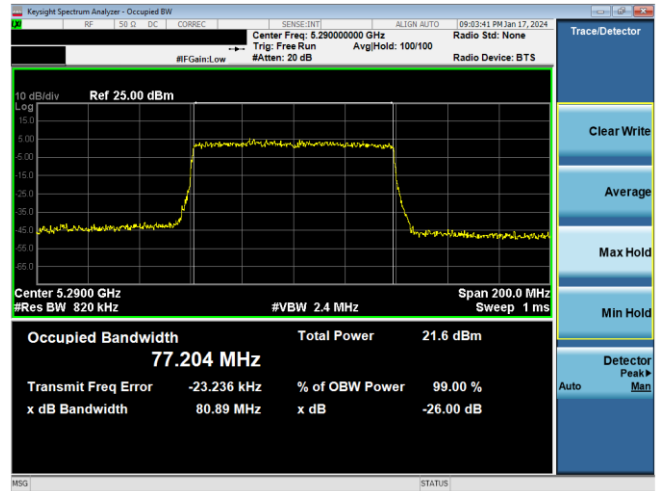


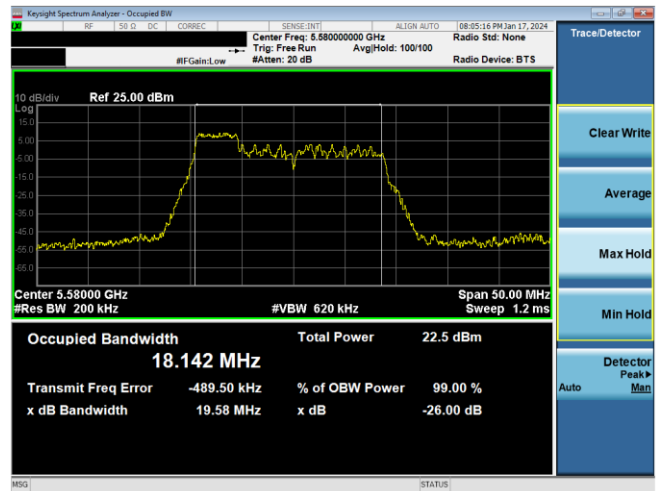
Plot 7-69. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 37 – RU52 – Ch.58)



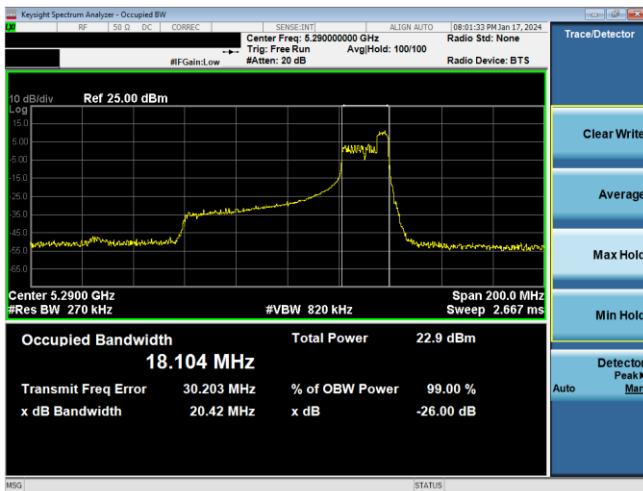
Plot 7-72. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax – RU996 – Ch.58)



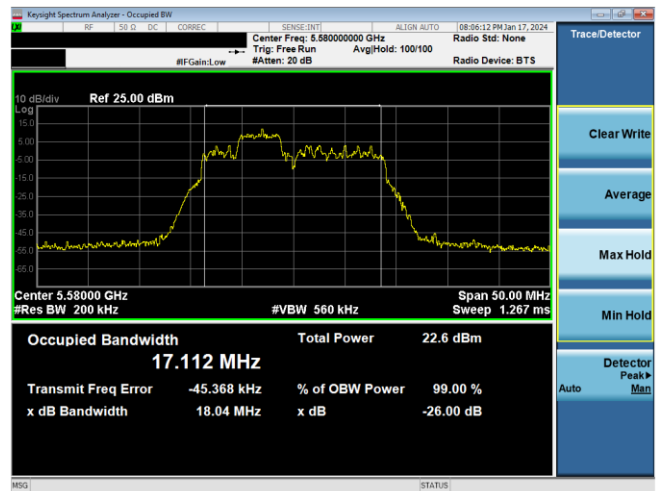
Plot 7-70. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-73. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax Index 37 – RU52 – Ch.116)

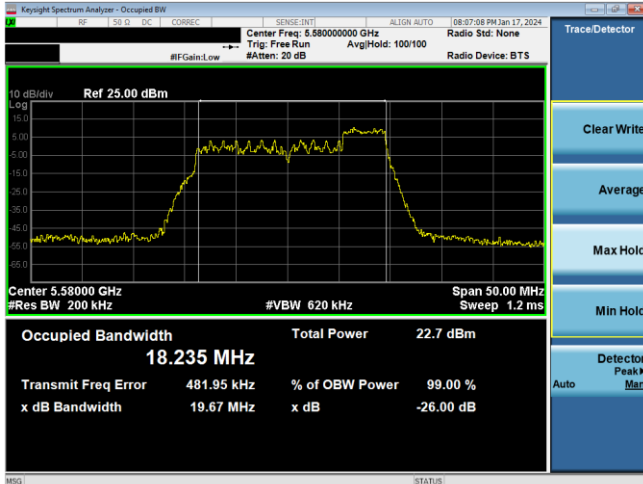


Plot 7-71. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 52 – RU52 – Ch.58)

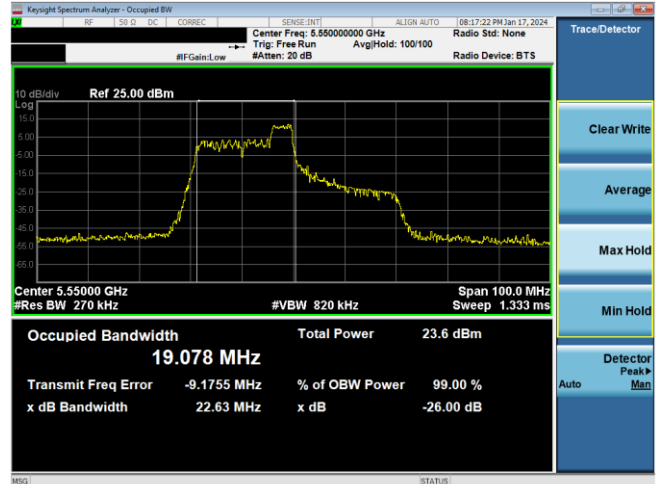


Plot 7-74. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax Index 38 – RU52 – Ch.116)

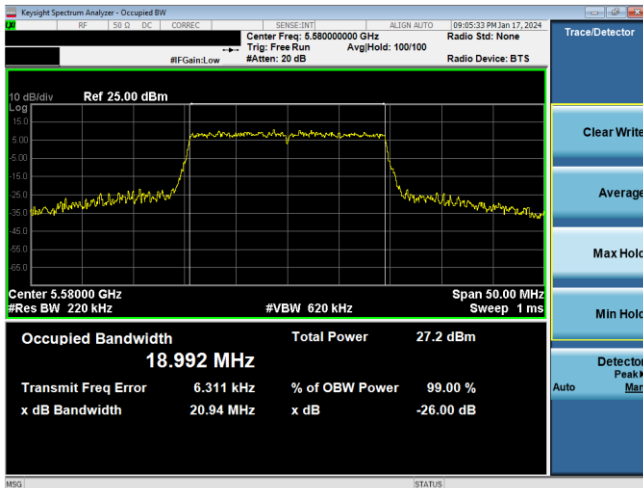
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 35 of 453



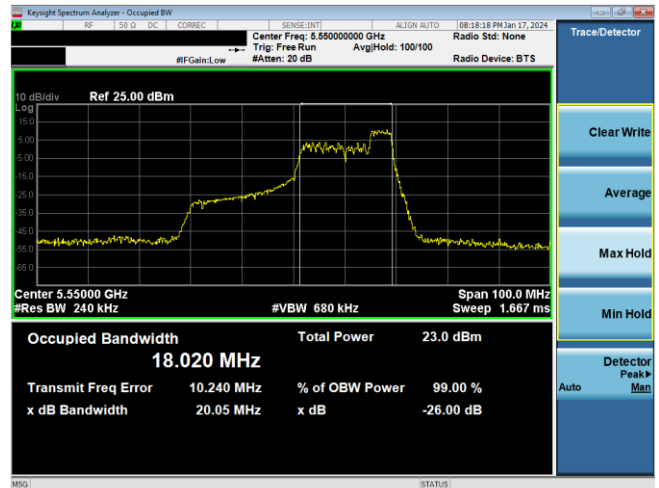
Plot 7-75. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax Index 40 – RU52 – Ch.116)



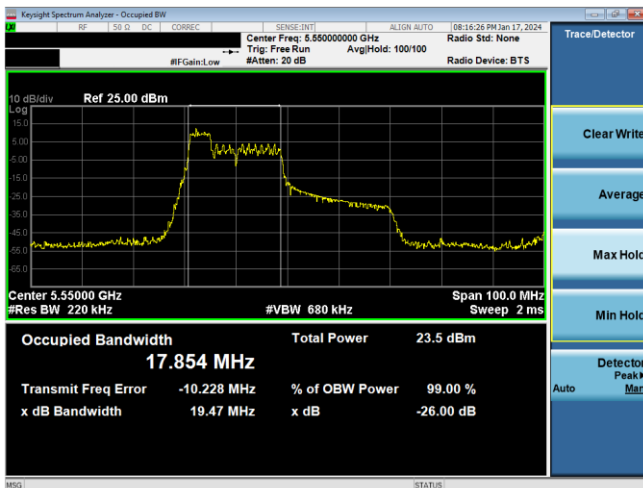
Plot 7-78. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax Index 40 – RU52 – Ch.110)



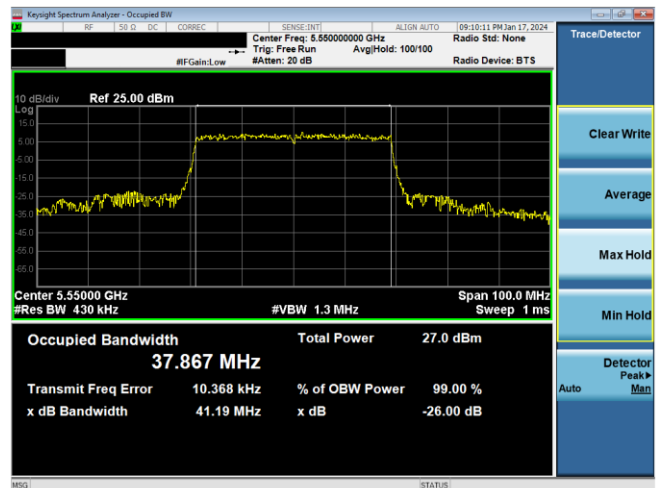
Plot 7-76. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax – RU242 – Ch.116)



Plot 7-79. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax Index 44 – RU52 – Ch.110)

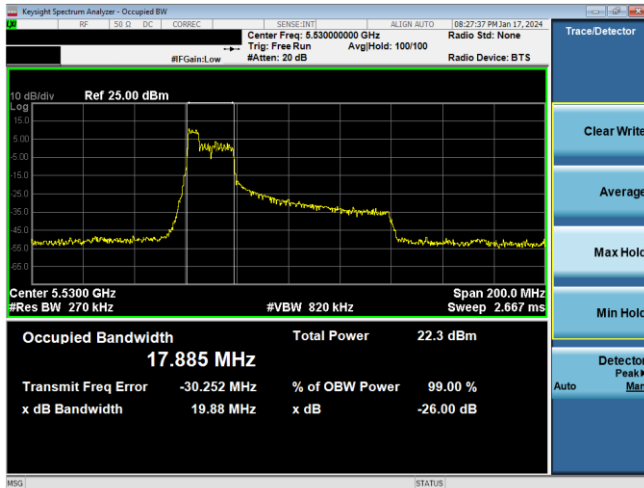


Plot 7-77. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax Index 37 – RU52 – Ch.110)

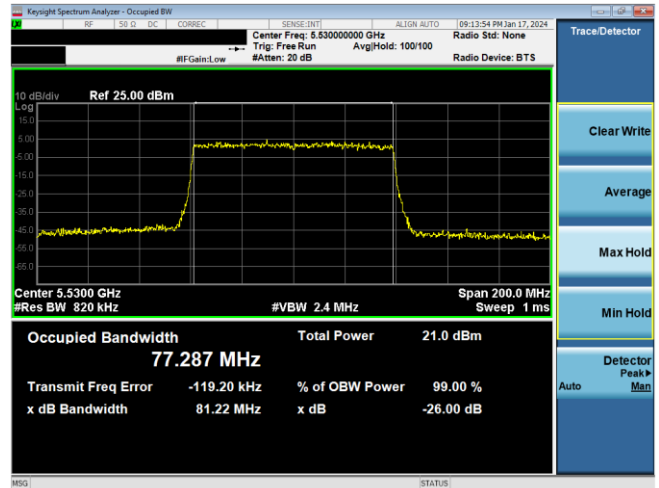


Plot 7-80. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax – RU484 – Ch.110)

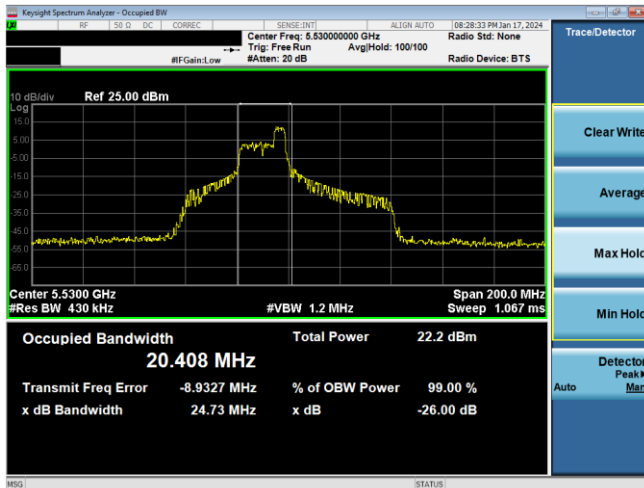
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 36 of 453



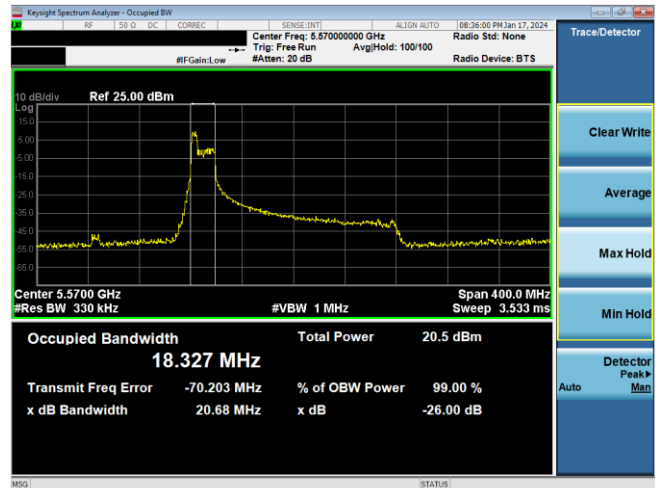
Plot 7-81. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 37 – RU52 – Ch.106)



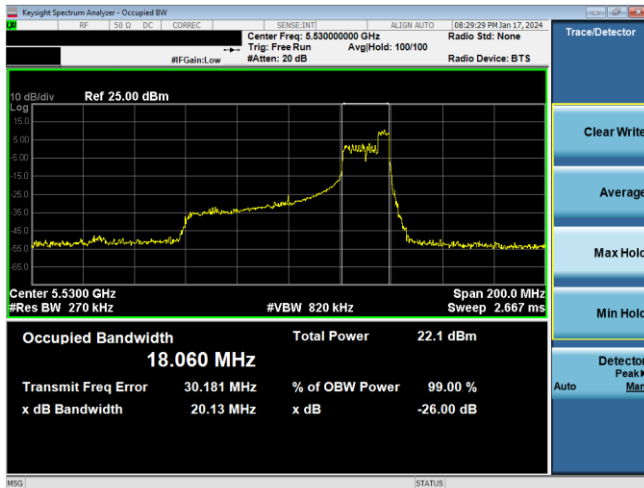
Plot 7-84. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax – RU996 – Ch.106)



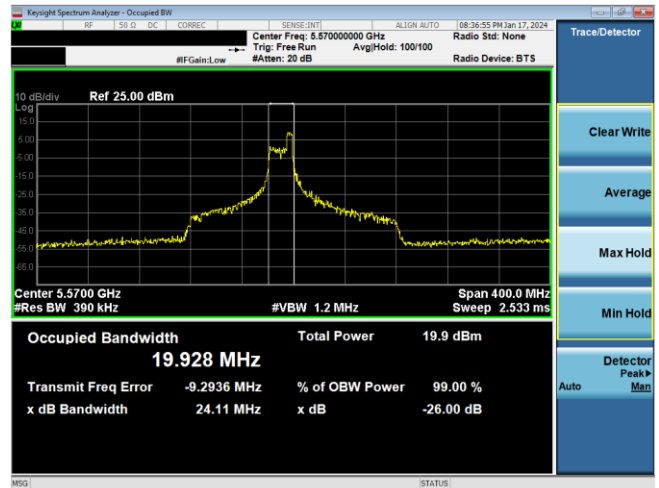
Plot 7-82. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 44 – RU52 – Ch.106)



Plot 7-85. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))

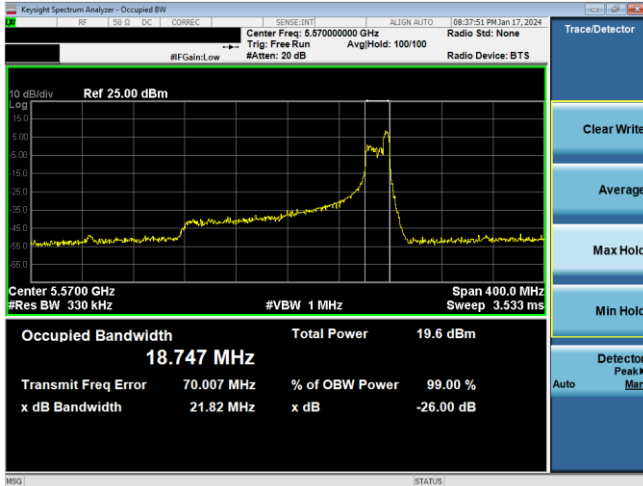


Plot 7-83. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 52 – RU52 – Ch.106)

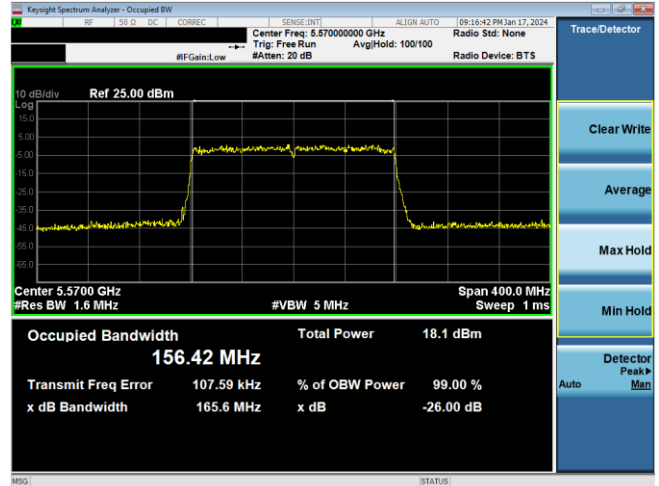


Plot 7-86. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 37 of 453



Plot 7-87. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-88. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 38 of 453

### Antenna WF7 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.20	19.49
				26	4	12.5/14.7 (MCS11)	17.11	18.05
				26	8	12.5/14.7 (MCS11)	18.27	19.28
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.16	19.49
				26	4	12.5/14.7 (MCS11)	17.09	18.04
				26	8	12.5/14.7 (MCS11)	18.33	19.41
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.40
				26	4	12.5/14.7 (MCS11)	17.08	18.11
				26	8	12.5/14.7 (MCS11)	18.30	19.32
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.03	19.50
				26	8	12.5/14.7 (MCS11)	19.57	21.97
				26	17	12.5/14.7 (MCS11)	18.16	19.73
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.04	19.26
				26	8	12.5/14.7 (MCS11)	19.34	21.32
				26	17	12.5/14.7 (MCS11)	18.16	19.62
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.12	19.42
				26	18	12.5/14.7 (MCS11)	37.31	38.51
				26	36	12.5/14.7 (MCS11)	18.13	19.44

**Table 7-8. Conducted Bandwidth Measurements Antenna WF7 (RU26)**

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 39 of 453

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1/2A	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	18.41	21.44
				52	52	25/29.4 (MCS11)	19.80	22.92
		50 (U)		52	52	25/29.4 (MCS11)	18.71	21.78
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 (MCS11)	18.07	19.75
				52	38	25/29.4 (MCS11)	17.19	18.44
				52	40	25/29.4 (MCS11)	18.20	19.71
	5300	60	ax (20MHz)	52	37	25/29.4 (MCS11)	18.12	19.62
				52	38	25/29.4 (MCS11)	17.17	18.32
				52	40	25/29.4 (MCS11)	18.24	20.00
	5320	64	ax (20MHz)	52	37	25/29.4 (MCS11)	18.13	19.72
				52	38	25/29.4 (MCS11)	17.19	18.38
				52	40	25/29.4 (MCS11)	18.23	19.58
	5270	54	ax (40MHz)	52	37	25/29.4 (MCS11)	17.92	19.98
				52	40	25/29.4 (MCS11)	19.27	22.42
				52	44	25/29.4 (MCS11)	18.05	20.17
	5310	62	ax (40MHz)	52	37	25/29.4 (MCS11)	17.89	19.89
				52	40	25/29.4 (MCS11)	19.16	24.04
				52	44	25/29.4 (MCS11)	18.02	20.63
	5290	58	ax (80MHz)	52	37	25/29.4 (MCS11)	17.92	19.54
				52	44	25/29.4 (MCS11)	20.14	24.09
				52	52	25/29.4 (MCS11)	18.09	20.37
Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 (MCS11)	18.17	19.77
				52	38	25/29.4 (MCS11)	17.20	18.49
				52	40	25/29.4 (MCS11)	18.23	19.82
	5580	116	ax (20MHz)	52	37	25/29.4 (MCS11)	18.11	19.58
				52	38	25/29.4 (MCS11)	17.10	18.16
				52	40	25/29.4 (MCS11)	18.23	19.97
	5720	144	ax (20MHz)	52	37	25/29.4 (MCS11)	18.13	19.65
				52	38	25/29.4 (MCS11)	17.15	18.40
				52	40	25/29.4 (MCS11)	18.26	19.79
	5510	102	ax (40MHz)	52	37	25/29.4 (MCS11)	17.96	19.88
				52	40	25/29.4 (MCS11)	19.32	23.18
				52	44	25/29.4 (MCS11)	18.04	20.52
	5550	110	ax (40MHz)	52	37	25/29.4 (MCS11)	17.86	19.60
				52	40	25/29.4 (MCS11)	19.20	22.42
				52	44	25/29.4 (MCS11)	18.08	20.59
	5710	142	ax (40MHz)	52	37	25/29.4 (MCS11)	18.00	20.40
				52	40	25/29.4 (MCS11)	19.34	22.53
				52	44	25/29.4 (MCS11)	18.04	20.22
5530	106	ax (80MHz)	52	37	25/29.4 (MCS11)	17.88	19.48	
			52	44	25/29.4 (MCS11)	19.63	22.75	
			52	52	25/29.4 (MCS11)	18.12	20.79	
5610*	122	ax (80MHz)	52	37	25/29.4 (MCS11)	17.88	19.39	
			52	44	25/29.4 (MCS11)	19.87	24.89	
			52	52	25/29.4 (MCS11)	18.10	20.50	
5690	138	ax (80MHz)	52	37	25/29.4 (MCS11)	17.84	19.53	
			52	44	25/29.4 (MCS11)	19.46	25.48	
			52	52	25/29.4 (MCS11)	18.12	19.91	
5570*	114 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	18.41	20.32	
			52	52	25/29.4 (MCS11)	20.38	23.94	
	114 (U)		52	52	25/29.4 (MCS11)	18.54	20.86	

**Table 7-9. Conducted Bandwidth Measurements Antenna WF7 (RU52)**

\*TDWR channel is not supported for ISED (denoted by a \* next to the frequency)

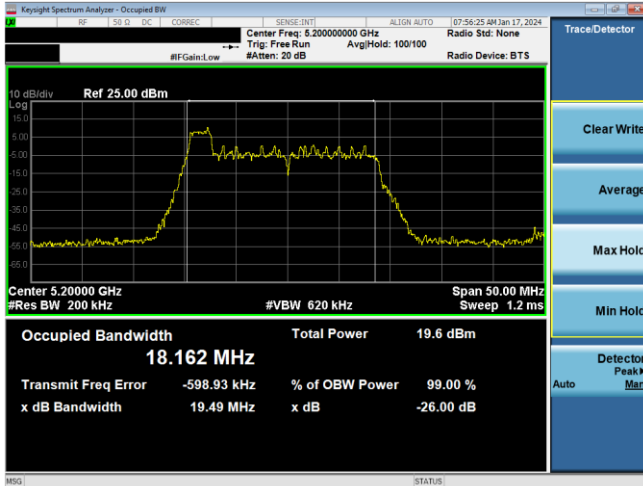
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 40 of 453

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	20.92
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.06
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	21.27
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	41.15
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.97	41.20
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	76.96	81.09
Band 1/2A	5250	50	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.09	164.93
Band 2A	5260	52	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.98	21.20
	5300	60	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	20.86
	5320	64	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	21.24
	5270	54	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.91	41.54
	5310	62	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	41.24
	5290	58	ax (80MHz)	996	67	510.4/600.5 (MCS11)	76.99	81.53
Band 2C	5500	100	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.97	21.15
	5580	116	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	20.99
	5720	144	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.02	20.84
	5510	102	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.93	41.13
	5550	110	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.95	41.20
	5710	142	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.01	42.12
	5530	106	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.08	81.51
	5610*	122	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.05	80.85
	5690	138	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.25	98.15
	5570*	114	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.26	165.02

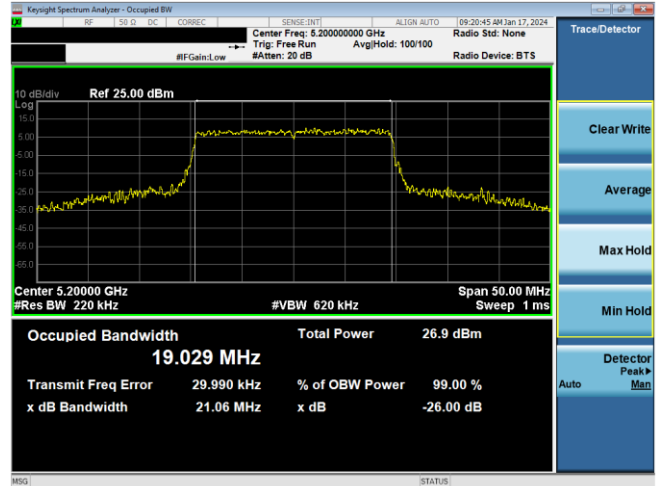
**Table 7-10. Conducted Bandwidth Measurements Antenna WF7 (Fully- loaded RU)**

\*TDWR channel is not supported for ISED (denoted by a \* next to the frequency)

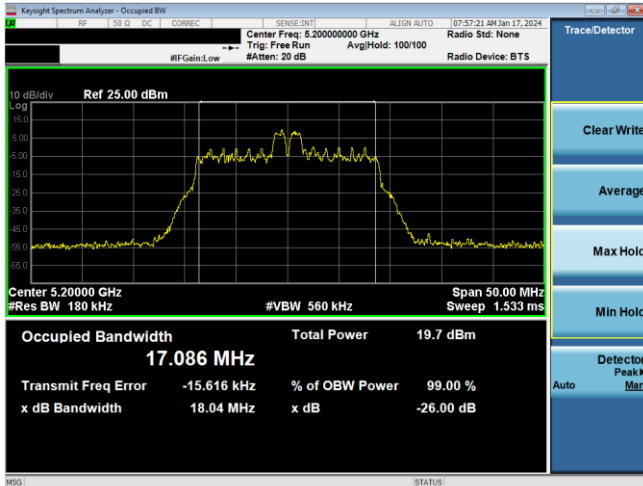
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 41 of 453



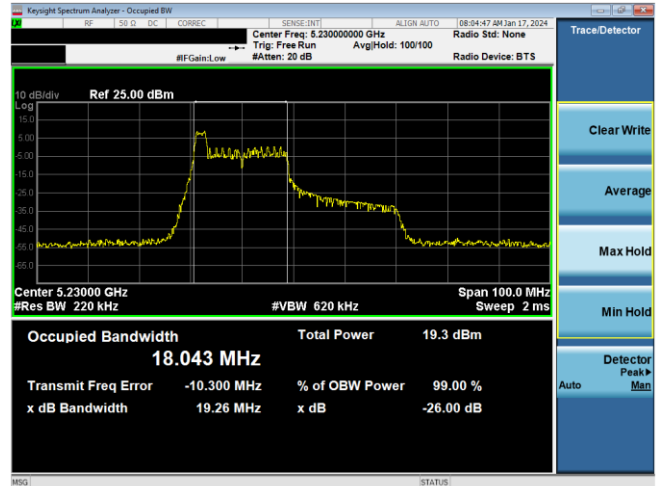
Plot 7-89. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 0 - RU26 - Ch.40)



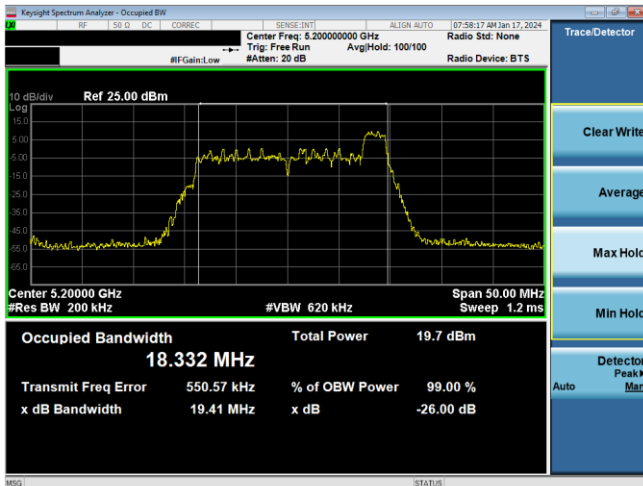
Plot 7-92. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax - RU242 - Ch.40)



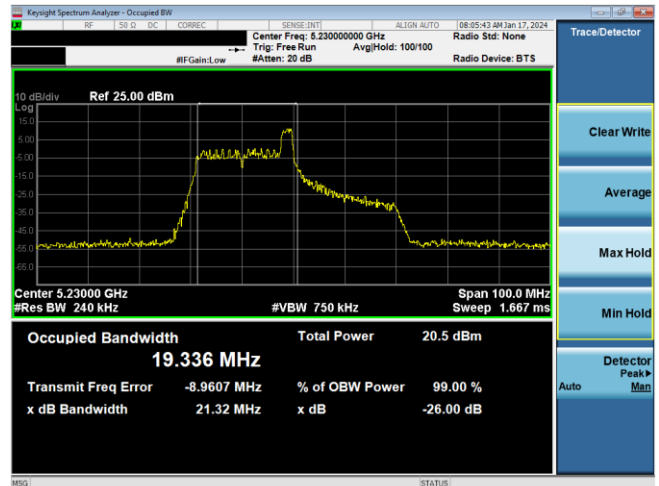
Plot 7-90. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-93. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 0 - RU26 - Ch.46)



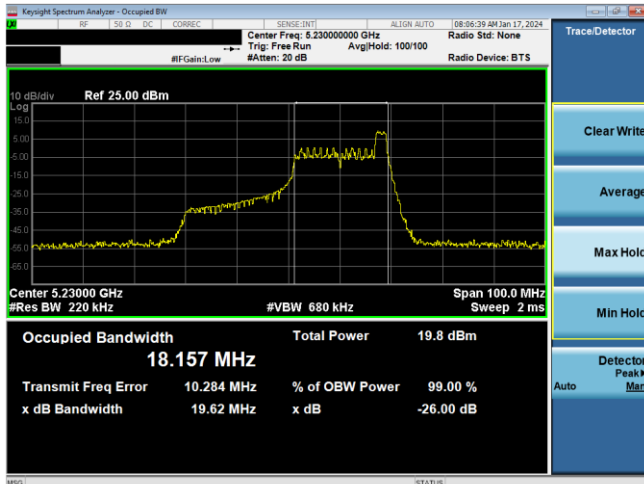
Plot 7-91. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 8 - RU26 - Ch.40)



Plot 7-94. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 8 - RU26 - Ch.46)

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 42 of 453

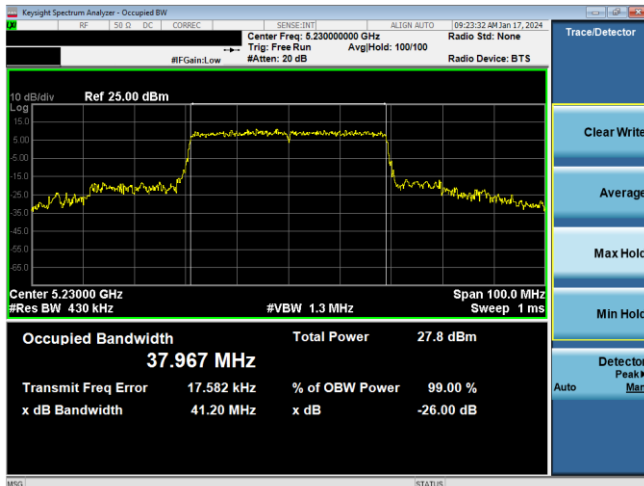




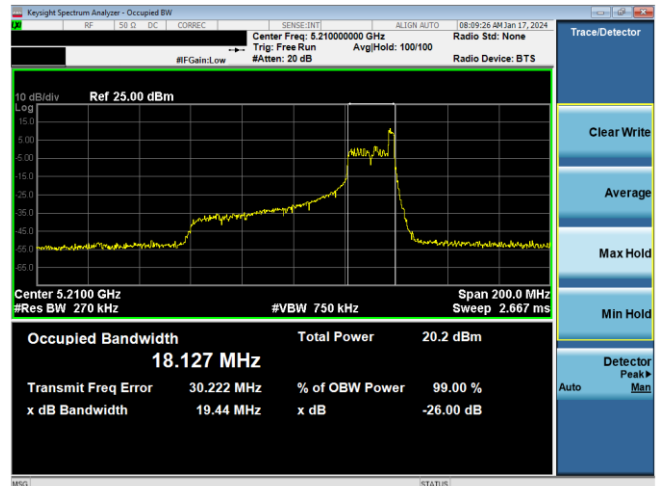
Plot 7-95. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 17 – RU26 – Ch.46)



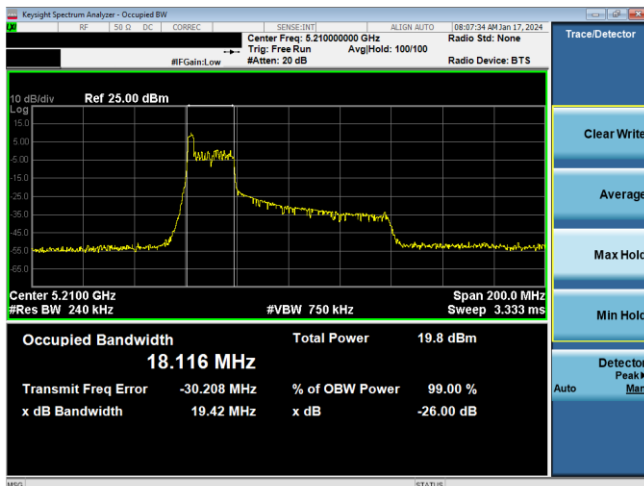
Plot 7-98. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 18 – RU26 – Ch.42)



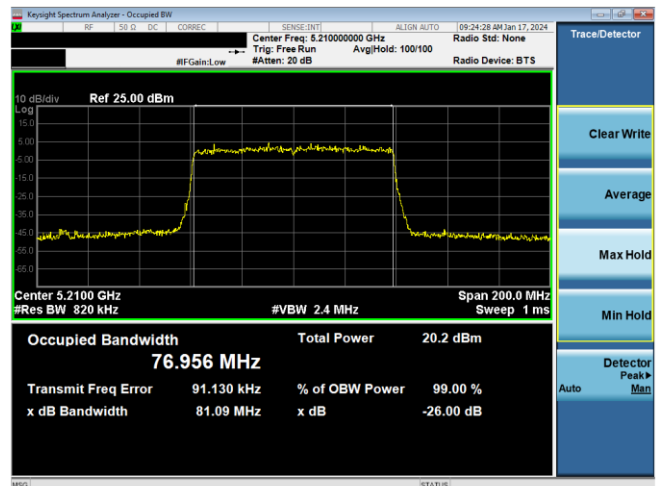
Plot 7-96. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-99. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 36 – RU26 – Ch.42)



Plot 7-97. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 0 – RU26 – Ch.42)

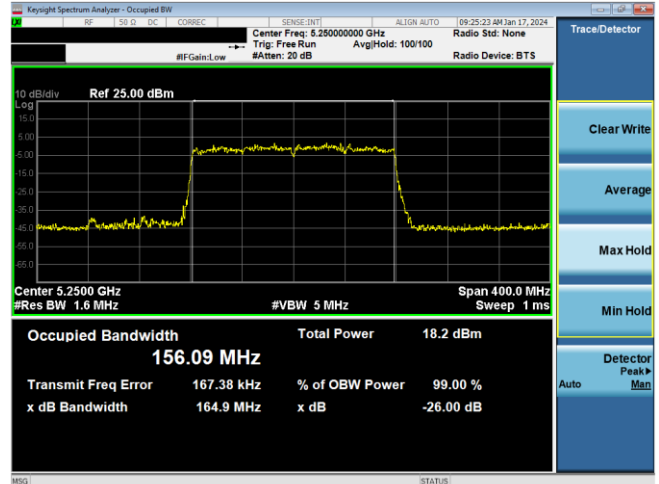


Plot 7-100. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax – RU996 – Ch.42)

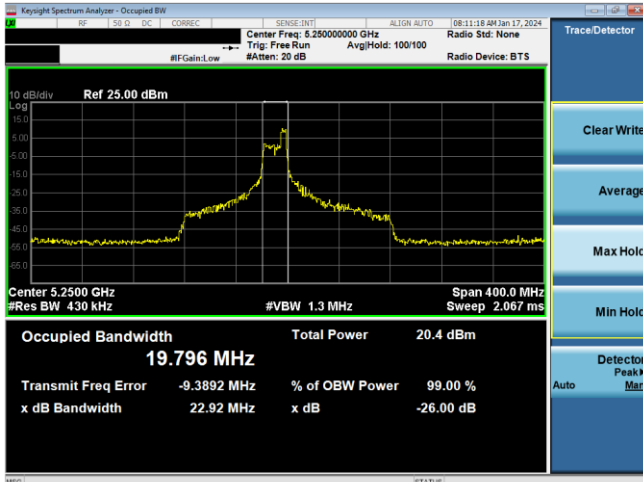
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 43 of 453



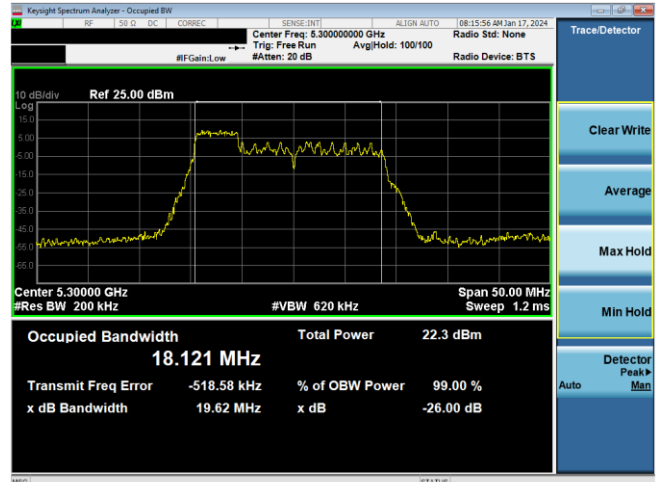
Plot 7-101. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 37 – RU52 – Ch.50 (L))



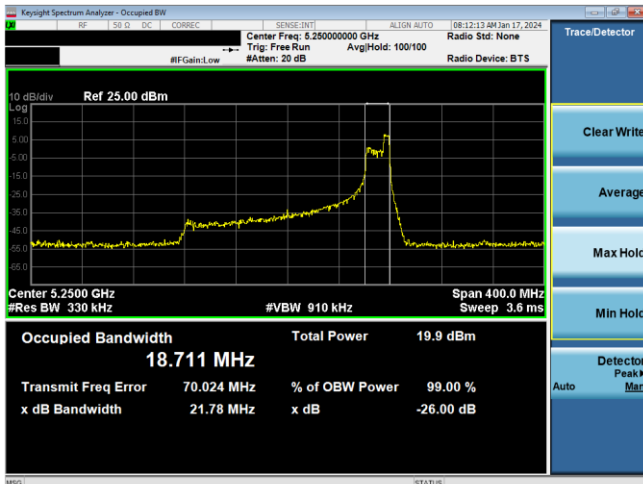
Plot 7-104. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax – RU996x2 – Ch.50)



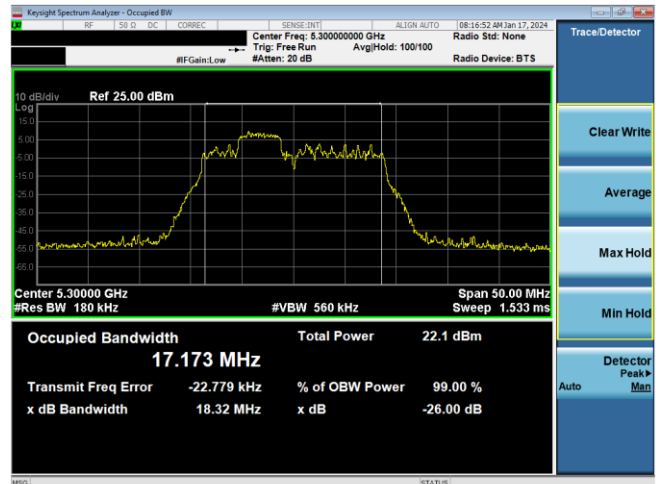
Plot 7-102. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.50 (L))



Plot 7-105. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 37 – RU52 – Ch.60)

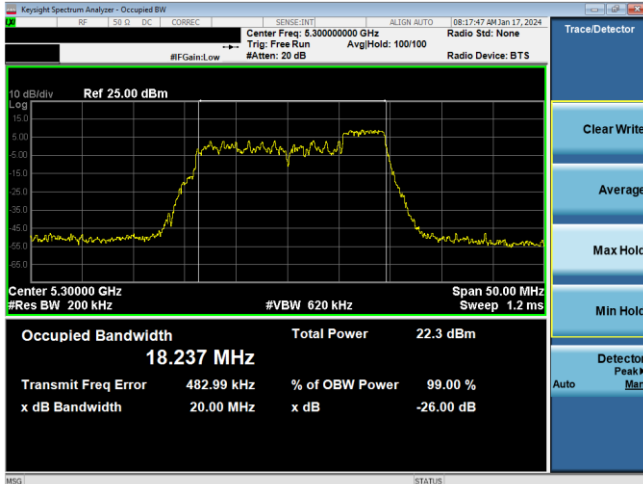


Plot 7-103. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.50 (U))

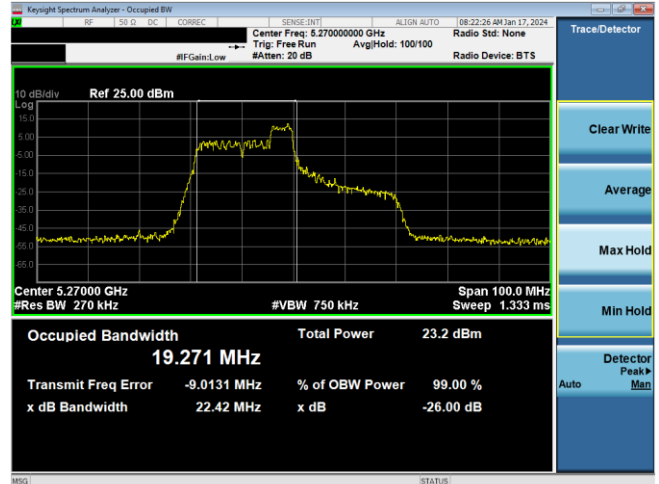


Plot 7-106. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 38 – RU52 – Ch.60)

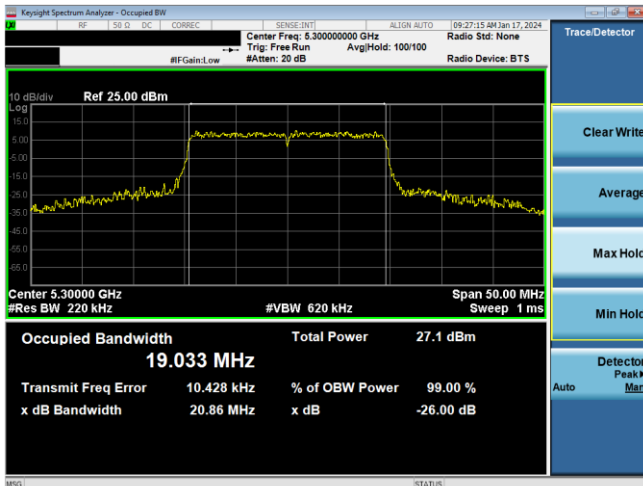
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 44 of 453



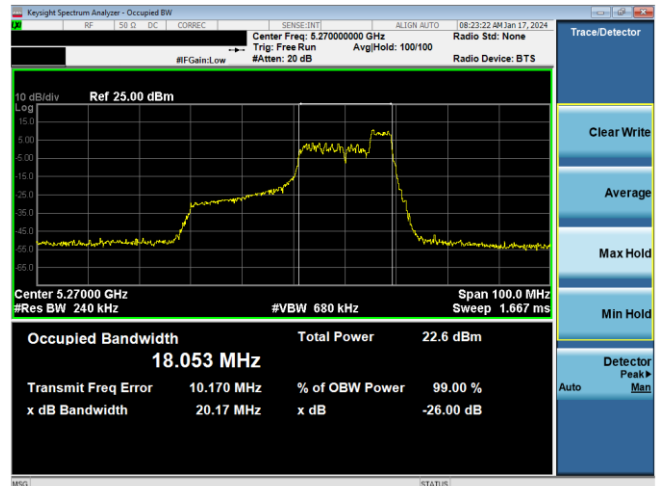
Plot 7-107. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 40 – RU52 – Ch.60)



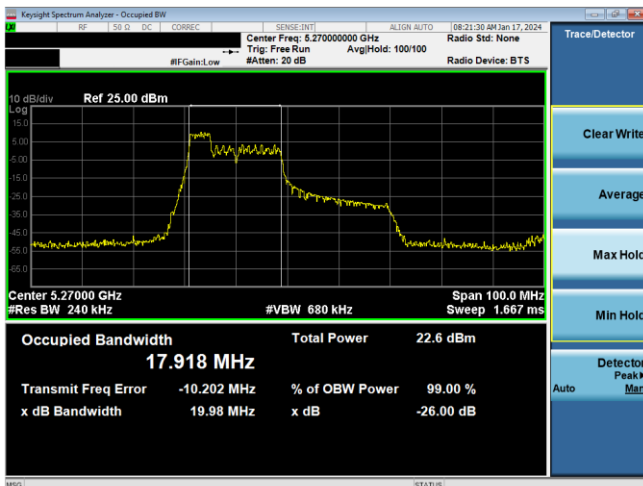
Plot 7-110. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 40 – RU52 – Ch.54)



Plot 7-108. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax– RU242 – Ch.60)



Plot 7-111. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 44 – RU52 – Ch.54)

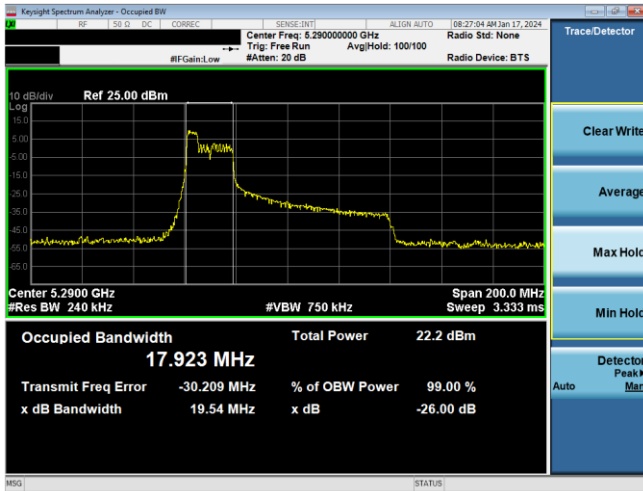


Plot 7-109. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 37 – RU52 – Ch.54)

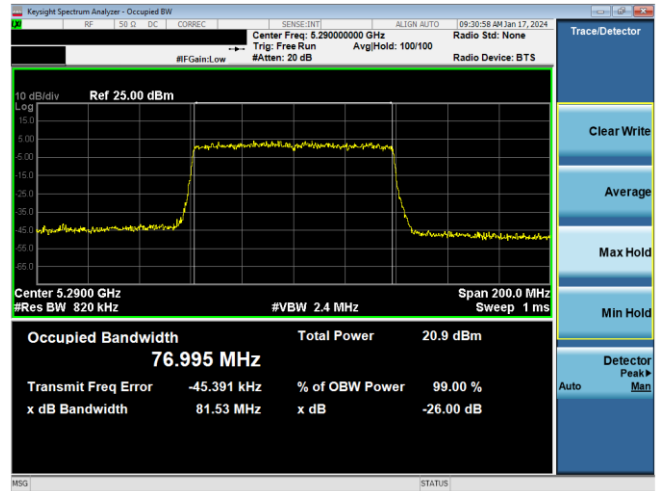


Plot 7-112. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax – RU484 – Ch.54)

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 45 of 453



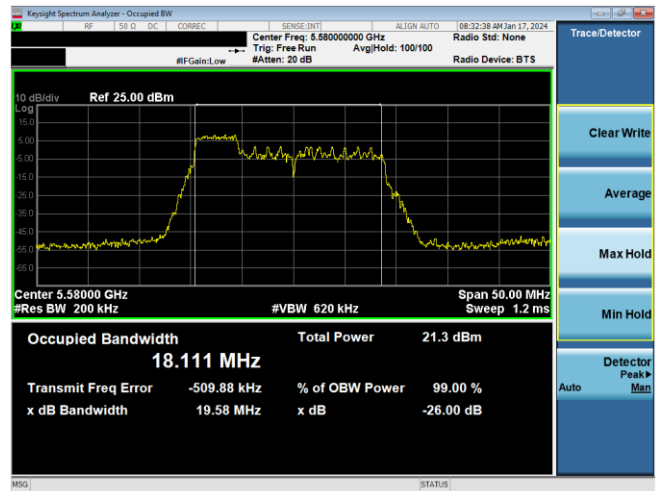
Plot 7-113. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 37 – RU52 – Ch.58)



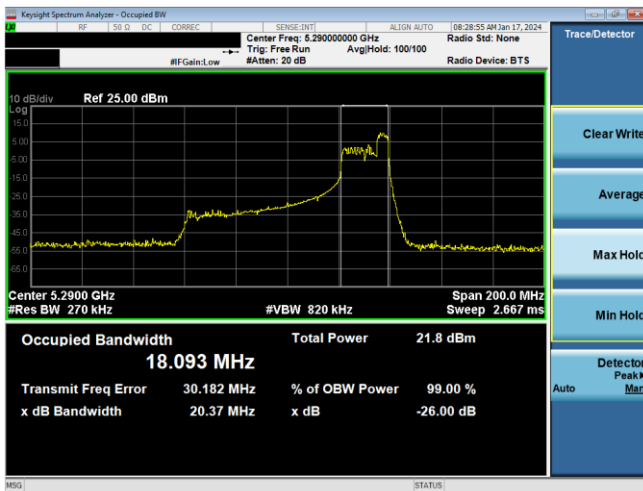
Plot 7-116. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax – RU996 – Ch.58)



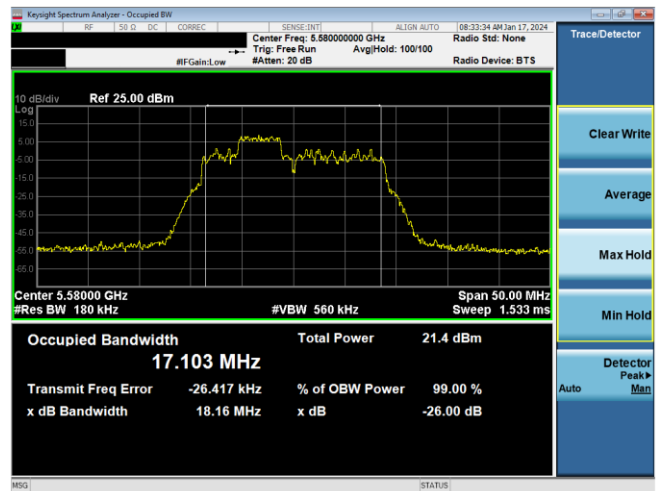
Plot 7-114. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-117. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 37 – RU52 – Ch.116)

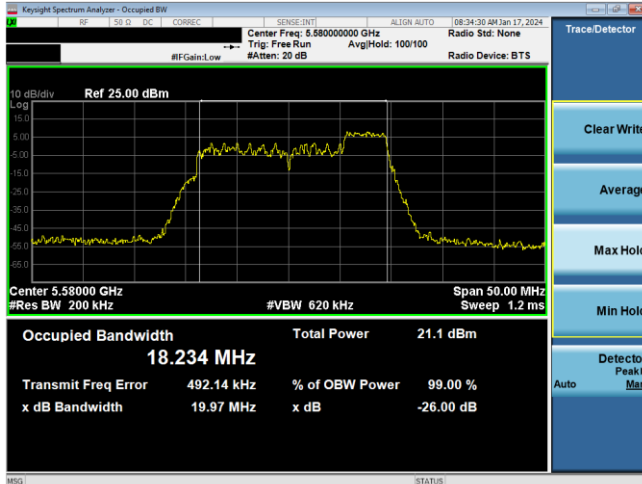


Plot 7-115. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 52 – RU52 – Ch.58)

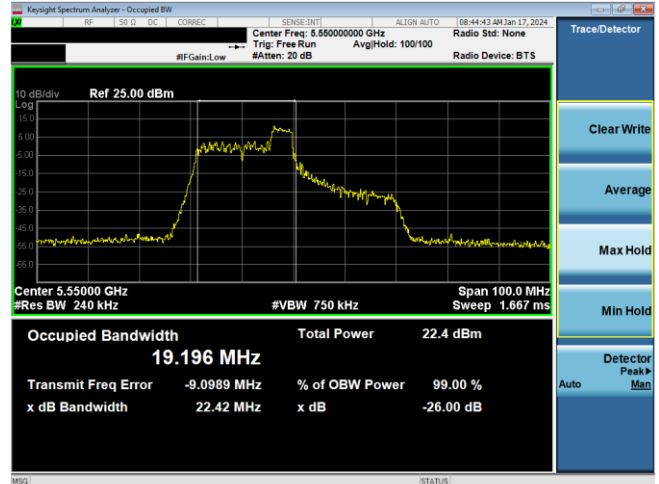


Plot 7-118. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 38 – RU52 – Ch.116)

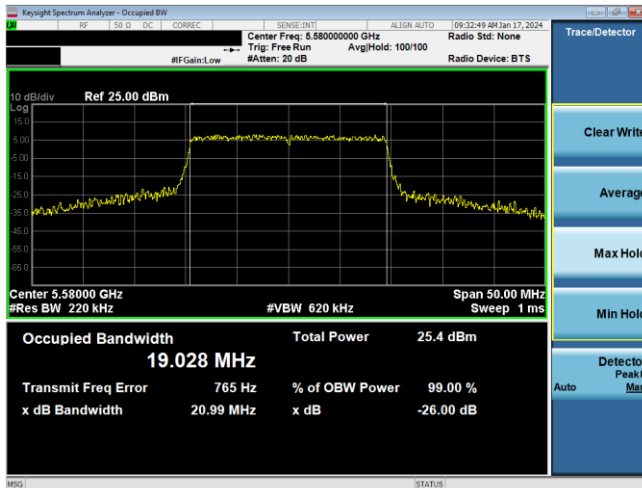
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 46 of 453



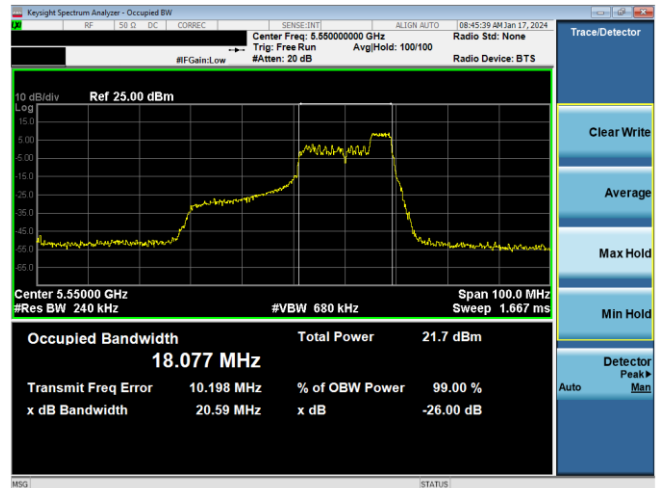
Plot 7-119. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 40 – RU52 – Ch.116)



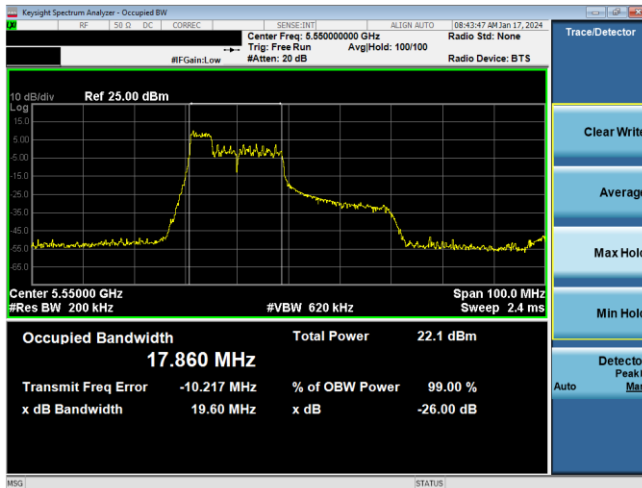
Plot 7-122. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 40 – RU52 – Ch.110)



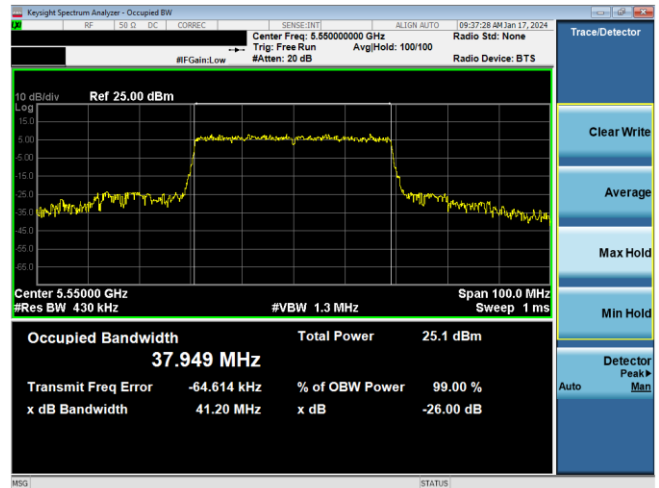
Plot 7-120. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax– RU242 – Ch.116)



Plot 7-123. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 44 – RU52 – Ch.110)

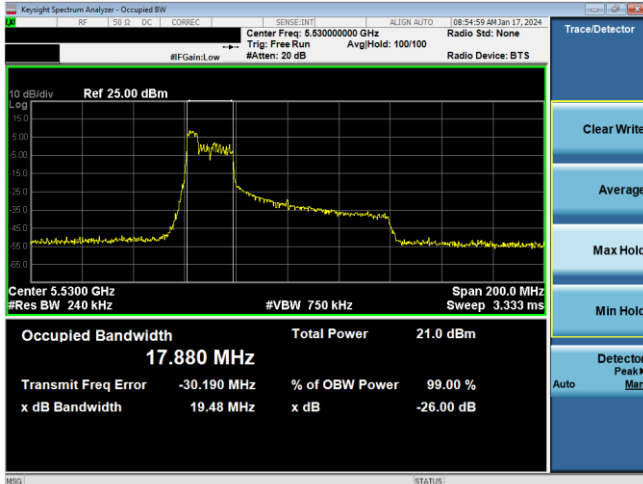


Plot 7-121. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 37 – RU52 – Ch.110)

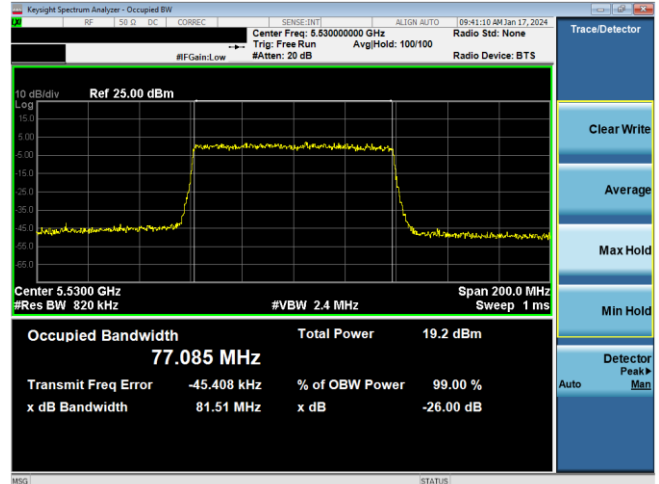


Plot 7-124. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax – RU484 – Ch.110)

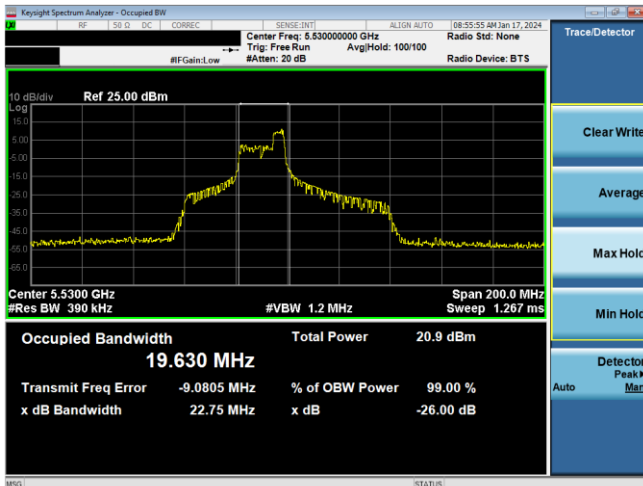
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 47 of 453



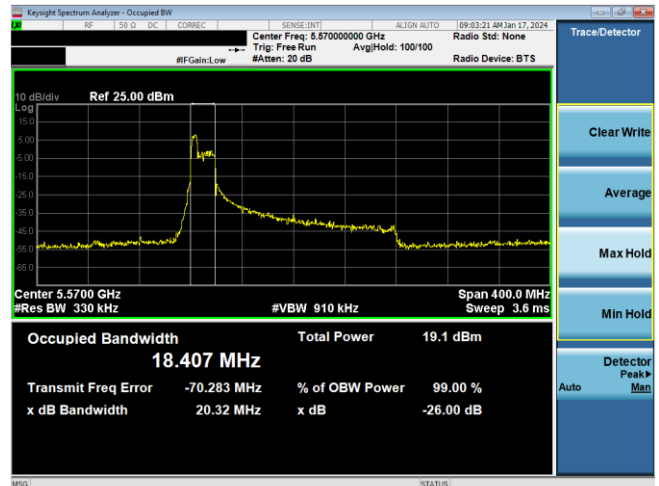
Plot 7-125. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 37 – RU52 – Ch.106)



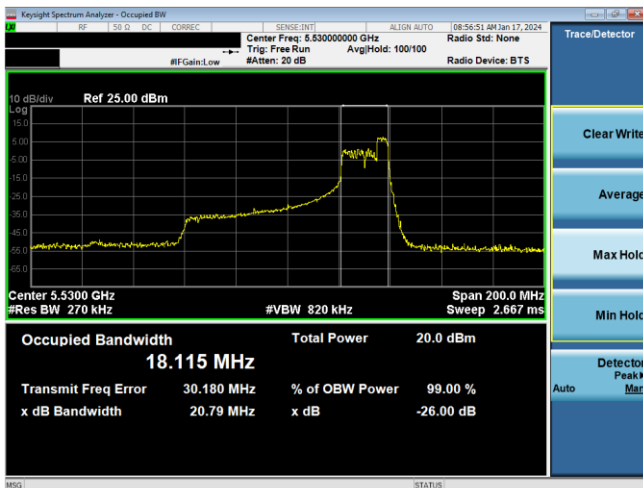
Plot 7-128. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax – RU996 – Ch.106)



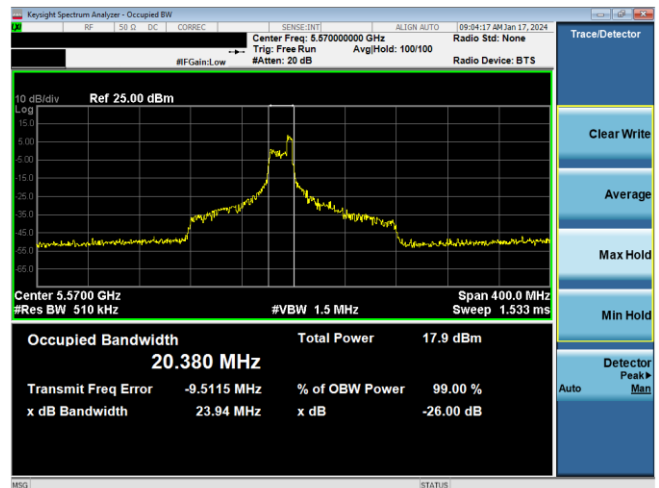
Plot 7-126. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 44 – RU52 – Ch.106)



Plot 7-129. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))

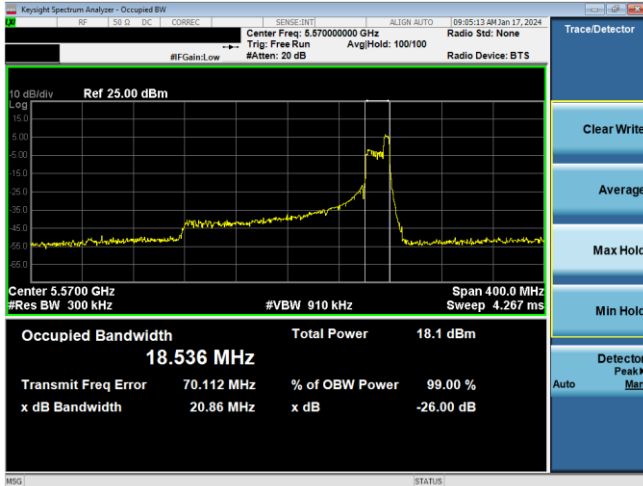


Plot 7-127. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 52 – RU52 – Ch.106)

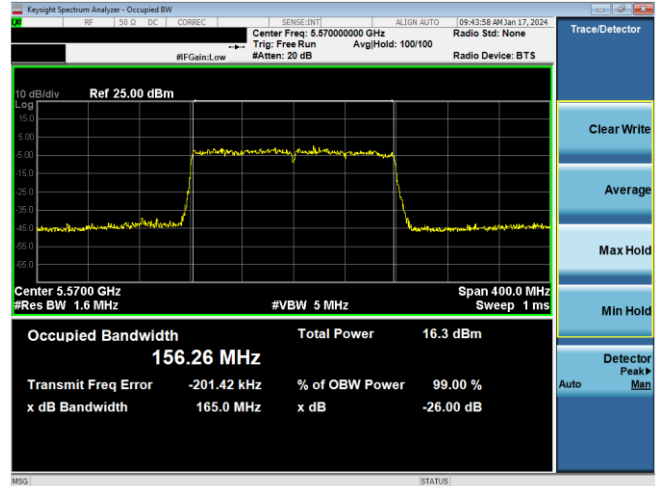


Plot 7-130. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 48 of 453



Plot 7-131. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-132. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 49 of 453

### 7.3 6dB & 99% Bandwidth Measurement – 802.11ax OFDMA

§2.1049; §15.407 (e); RSS-Gen [6.7]

#### Test Overview and Limit

The bandwidth at 6dB down from the highest in-band spectral density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. The spectrum analyzer’s bandwidth measurement function is configured to measure the 6dB bandwidth.

*In the 5.725 – 5.850GHz band, the 6dB bandwidth must be  $\geq 500$  kHz.*

#### Test Procedure Used

ANSI C63.10-2013 – Subclause 6.9.2

KDB 789033 D02 v02r01 – Section C

#### Test Settings

1. The signal analyzers’ automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The “X” dB bandwidth parameter was set to  $X = 6$ . The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 100 kHz
3. VBW  $\geq 3 \times$  RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple

#### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-2. Test Instrument & Measurement Setup**

#### Test Notes

1. All antenna configurations were investigated and only the worst case is reported
2. All RU’s were investigated and only worst case partially-loaded and fully-loaded RU’s were reported.
3. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel bandwidth plots have been reported.

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 50 of 453

V 10.6 09/14/2023



## Antenna WF5B 6dB & 99% Bandwidth Measurements

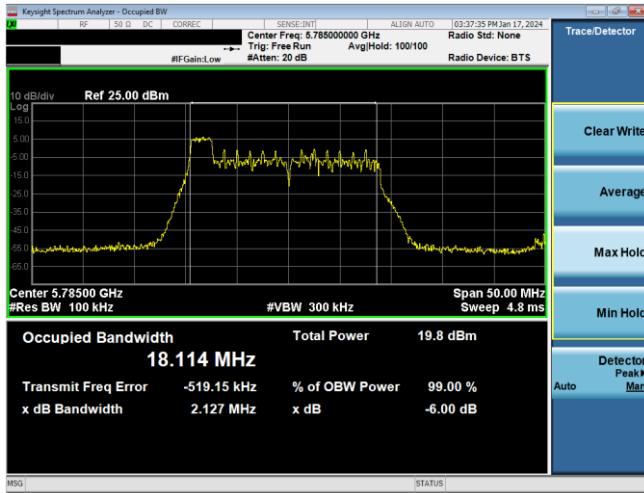
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.13	2.10	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.13	2.69	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.21	2.10	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.11	2.13	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.15	2.70	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.20	2.10	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.12	2.08	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.13	2.70	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.25	2.10	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.85	2.15	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.76	2.09	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.95	2.16	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.81	2.09	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.51	2.11	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.98	2.20	0.50	Pass
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.80	2.24	0.50	Pass
				26	18	12.5/14.7 (MCS11)	36.90	2.89	0.50	Pass
				26	36	12.5/14.7 (MCS11)	17.85	2.20	0.50	Pass

**Table 7-11. Conducted Bandwidth Measurements Antenna WF5B (RU26)**

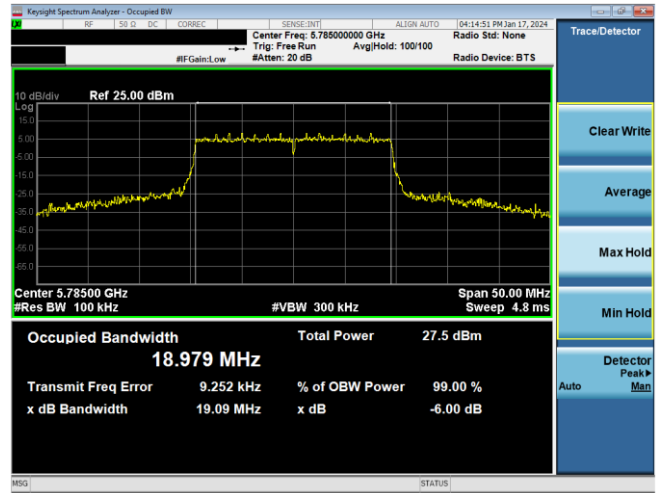
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.96	19.11	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.98	19.09	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.96	19.08	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.84	38.15	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.84	38.16	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.07	77.92	0.50	Pass

**Table 7-12. Conducted Bandwidth Measurements Antenna WF5B (Fully- loaded RU)**

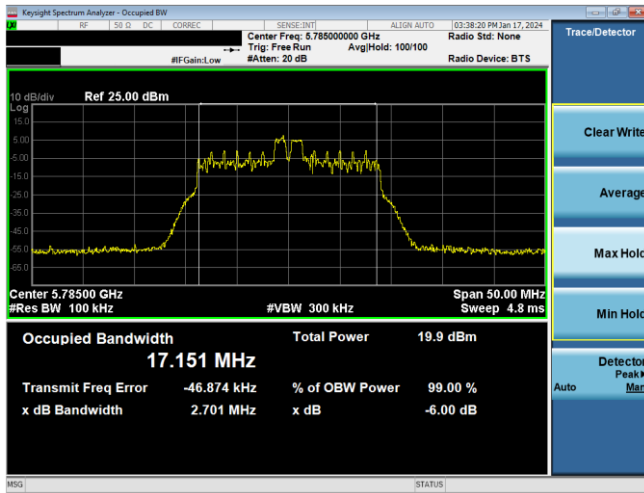
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 51 of 453



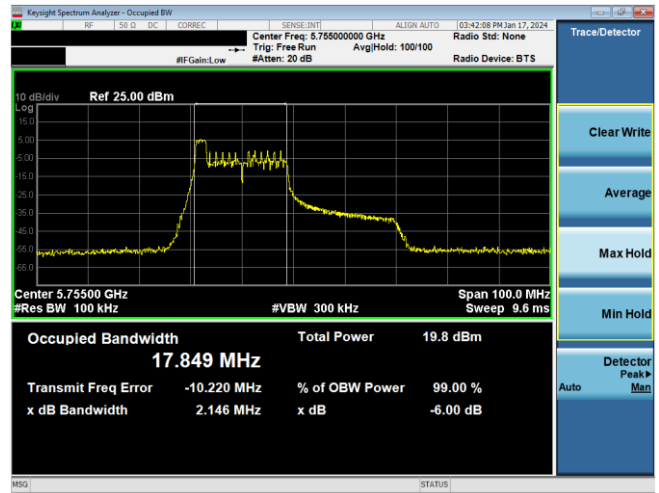
Plot 7-133. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 0 – RU26 – Ch.157)



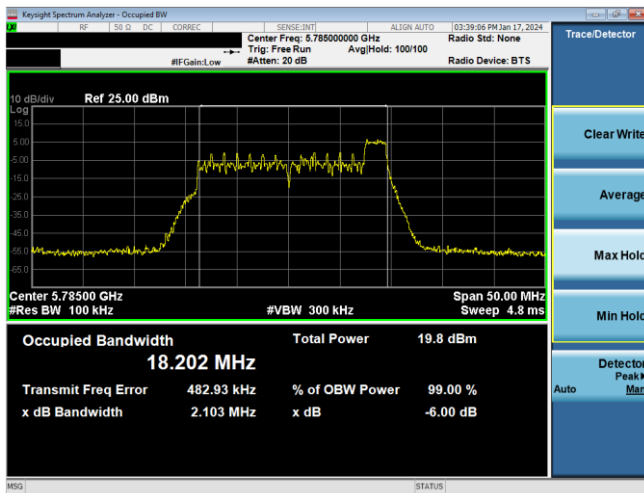
Plot 7-136. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax – RU242 – Ch.157)



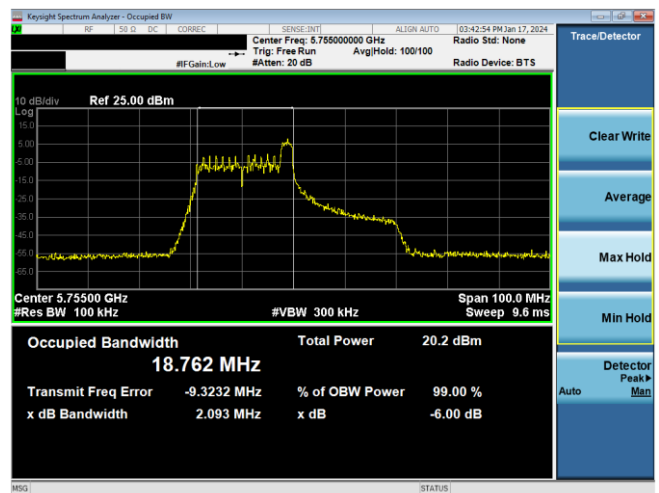
Plot 7-134. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 4 – RU26 – Ch.157)



Plot 7-137. 6dB BW & 99% OBW Antenna WF5B (40MHz BW 11ax Index 0 – RU26 – Ch.151)

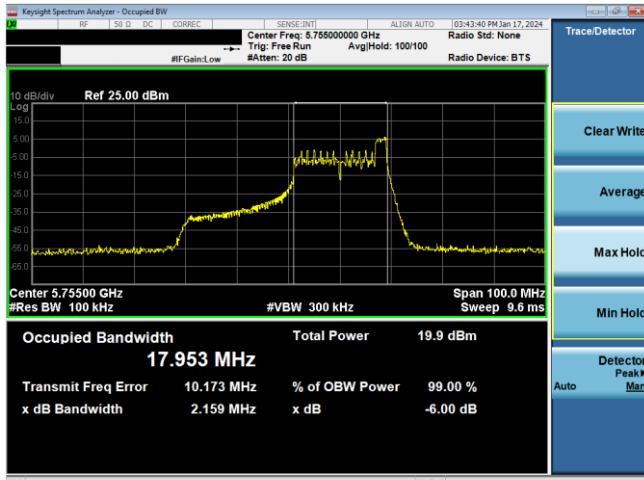


Plot 7-135. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 8 – RU26 – Ch.157)

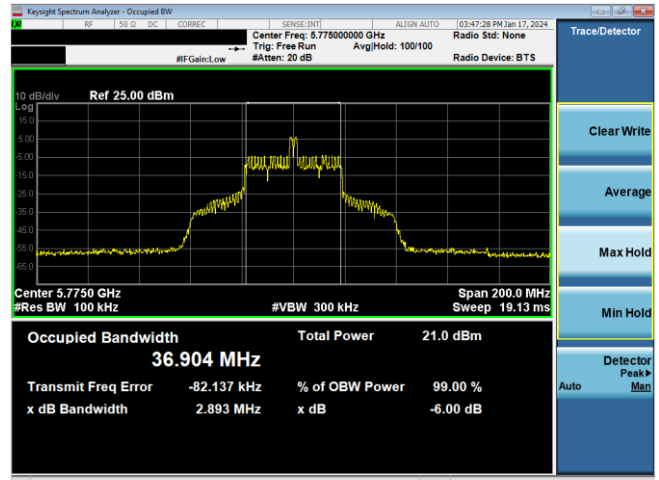


Plot 7-138. 6dB BW & 99% OBW Antenna WF5B (40MHz BW 11ax Index 8 – RU26 – Ch.151)

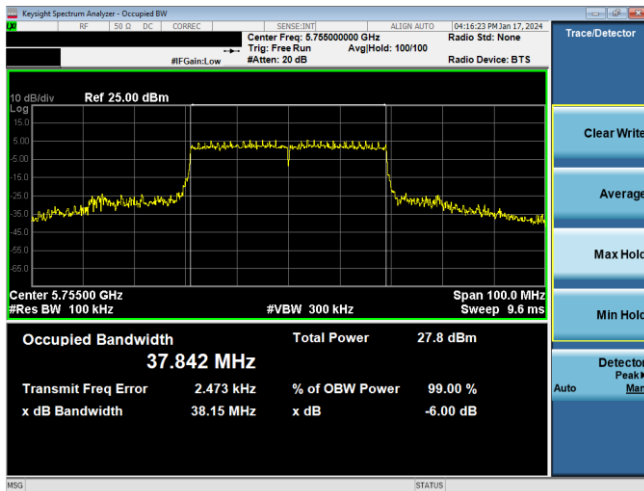
FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 52 of 453



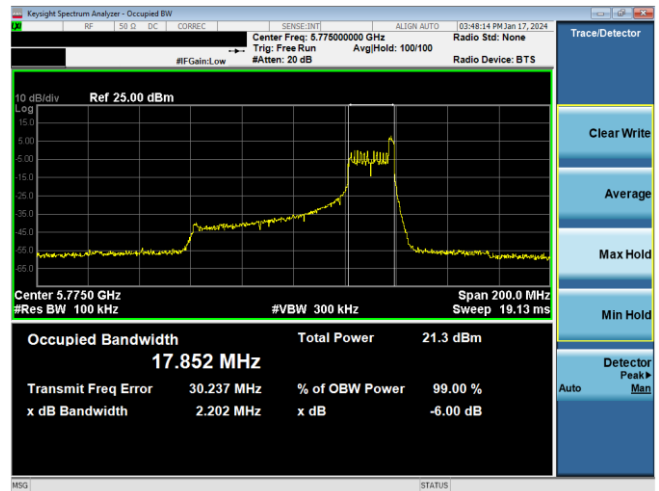
Plot 7-139. 6dB BW & 99% OBW Antenna WF5B (40MHz BW 11ax Index 17 – RU26 – Ch.151)



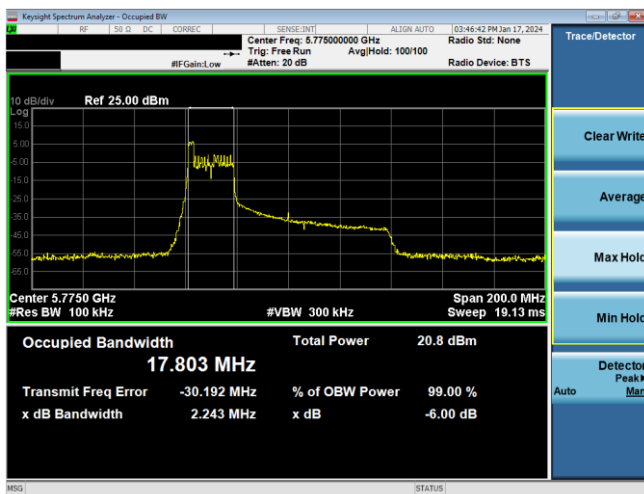
Plot 7-142. 6dB BW & 99% OBW Antenna WF5B (80MHz BW 11ax Index 18 – RU26 – Ch.155)



Plot 7-140. 6dB BW & 99% OBW Antenna WF5B (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-143. 6dB BW & 99% OBW Antenna WF5B (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-141. 6dB BW & 99% OBW Antenna WF5B (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-144. 6dB BW & 99% OBW Antenna WF5B (80MHz BW 11ax – RU996 – Ch.155)

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 53 of 453

## Antenna WF8 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.13	2.11	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.02	2.67	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.16	2.09	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.11	2.08	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.08	2.69	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.15	2.09	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.12	2.10	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.13	2.69	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.22	2.11	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.86	2.16	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.75	2.13	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.96	2.15	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.83	2.14	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.76	2.14	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.94	2.12	0.50	Pass
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.87	2.25	0.50	Pass
				26	18	12.5/14.7 (MCS11)	36.99	2.87	0.50	Pass
				26	36	12.5/14.7 (MCS11)	17.93	2.19	0.50	Pass

Table 7-13. Conducted Bandwidth Measurements Antenna WF8 (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.98	19.12	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.96	19.08	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.96	19.08	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.80	38.18	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.80	38.11	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.09	77.90	0.50	Pass

Table 7-14. Conducted Bandwidth Measurements Antenna WF8 (Fully-loaded RU)

FCC ID: BCGA2925 IC: 579C-A2925		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270069-12-R1.BCG	Test Dates: 1/8/2024 - 3/23/2024	EUT Type: Tablet Device	Page 54 of 453